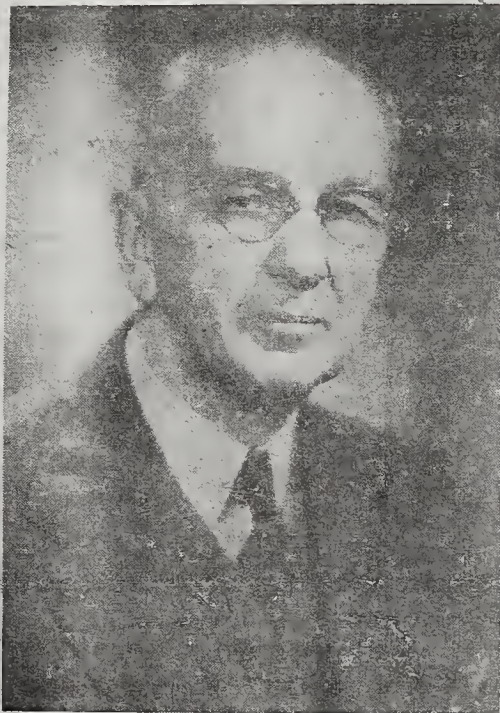




Dean C. R. Young To Retire At End of Term

Engineer, Author, Soldier

School To Lose Dean



The retirement of Dean C. R. Young will mean that a career of a great man will be realized, and that a large gap will be left in the Faculty of Applied Science and Engineering. Dean Young devoted most of his time to the advancement of the Engineering Profession from the freshmen at University to the highest men in the profession.

Many Memberships

As well as being Dean of the S.P.S. faculty, Doctor Young used his knowledge in the Engineering Profession as well. He holds membership in many of the groups for Professional men: The Engineering Institute of Canada; the Association of Professional Engineers of Ontario; the American Society of Civil Engineers; the Main Committee, Canadian Engineering Standards Association; the American Society for Engineering Education; the Newcomen Society of England; and the Polish Institute of Arts and Sciences in America.

High Offices Held

Dean Young also held high ranking offices during his career such as: President of the Engineering Institute of Canada, chairman for 10 years of the Committee on Wind Bracing in Steel Buildings in the American Society of Civil Engineers, chairman of the committees on Concrete and Reinforced Concrete of the C.E.S.A., chairman of the Sub-Committee on Reinforced Concrete of the N.B.C., and was the past Vice-President of the Royal Canadian Institute.

Wide Experience

He has had a wide professional experience in Engineering, especially in the structural field. He started his career with the Dominion Bridge Co. as a draughtsman and checker and then moved to the Toronto and York Radial Railways as assistant Engineer. At the Canadian Foundry Co., Dean Young served as draughtsman, checker, designer and estimator. In the bridge department after this, Dean Young was assistant engineer in charge of the Bridge and transmission tower designs with Smith, Kerry, and Chace, Consulting Engineers.

In 1907, he went into the private consulting practice as well as joining the staff of the University and has been in this capacity to the present. During his latter part of his career Dean Young did extensive work in the structural field throughout Ontario and Quebec.

Writer

He wrote his first book in 1913 and since then has written and helped write six other books dealing with technical and non-technical aspects of the Engineering field. Dean Young also has written a total of 22 papers since 1906, mostly in the Civil Engineering field and also engineering economic papers.

Recognized

For his outstanding service in the Engineering field Dean Young was awarded the medal of the Engineering Alumni Association of the University of Toronto in 1939. He was also awarded the medal of the Ontario Association of Professional Engineers, one of the highest of its kind, for the service of men, in 1947.

During World War I he was second in command of the Polish Army Camp at Niagara and for his services, he was decorated by the French and Polish governments.

After forty-two years of service with the University, Dean Young of the Faculty of Applied Science and Engineering will retire at the end of this term. Throughout the years at the University, Dean Young has been active in the Engineering field, attempting to raise the standards of the Engineering Profession by extending beyond the limits of technical subjects in the undergraduates studies.

—Photo by Ashley & Crippen.

"Scholar and Gentleman" — President Smith

Emulating the practice of engineers, I begin by laying down indisputable premises. Firstly, the measure of a faculty or university is to be gauged by the capacity and the character, the devotion and the wisdom of its staff. Secondly, an enduring institution is the lengthened shadow of its great men. If proof of these postulates were demanded, I need refer only to Clarence Richard Young and his forty-two years of service to the Faculty of Applied Science and Engineering and to the University of Toronto. That academic career, begun in 1907, has been marked by steady progression from lecturer to assistant professor in 1913, to associate professor in 1919, to professor in 1924, and to head of the Department of Civil Engineering, Municipal and Structural, in 1929 and to Dean in 1941, and it was only interrupted by his active service in His Majesty's Forces during World War I.

A gifted teacher, a wise administrator, an experienced engineer, a constant friend of students, a co-operative colleague, C. R. Young has placed on his Faculty a stamp of excellence.

In the discharge of his duties as Dean, he never resorted to rules of

thumb. His decision and his actions were made and taken by the conscientious application of principles, unaffected by the fancy and fashion of the moment. Those principles were, for him, founded in a pervasive philosophy of education. For him, an engineering faculty fails in its undertaking if it is nothing more than a vocational institute or a technical school. For him there is no antithesis between theoretical grounding and practical training: He always realized that they are complementary. For him, a degree in engineering must be something more than an occupational certification. For him, an engineer can be and must be an educated person. His educational ideals were not merely texts for his addresses, so rich in content, so felicitously expressed and so eloquently delivered. His educational ideals were, in policy and performance, dynamic forces, that gave to his work a contagious vitality and a steady purpose. Imaginative in concept yet he is meticulous in execution. He gave new meaning to the old title: "a scholar and a gentleman." "C.R." we gratefully record your service to your Alma Mater; we sadly declare that we will miss you; and we wish you happy and expansive days in retirement.

Signed

SIDNEY SMITH

Brilliant Career With University Lasts 42 Years

By JAMES FYDELL

The retirement on June 30, 1949 of Dr. C. R. Young as Dean of the Faculty of Applied Science and Engineering was announced by President Sidney Smith at the second Wallberg Memorial Lecture given in Convocation Hall on January 11.

The Dean's career in the University of Toronto has been long and outstanding. In 1905 he graduated from the Faculty of Applied Science and Engineering with the degree of Bachelor of Applied Science. Two years later he was appointed to the staff of the faculty as Lecturer in Structural Engineering. In 1929 he was appointed Professor of Civil Engineering, a post which he held until 1943. In 1941 he was appointed Dean of the Faculty of Applied Science and Engineering.

Broadened Education

During his career as Dean, he has sought to raise the standards of the Engineering Profession, believing that the Engineering graduate must have an outlook that extends beyond the mere technical knowledge of his work and which includes an understanding of the society of which he forms a part. Under his direction, the curriculum of "School" has been broadened by the inclusion of a number of the "humanity" subjects as history, political science, and economics.

Wrote Books And Papers

During his busy career, the Dean has found time to devote to writing. He is the author of a number of current texts. Among them are: "Engineering and Society" (in collaboration with H. A. Innis and J. H. Dales) 1946; "Engineering Economics" 1949; "Engineering Law" (in collaboration with Mr. Justice R. E. Laidlaw) 3rd. edition in 1946. "Elementary Military Law" 1940. Besides his books, he has written 22 technical papers dealing with Civil Engineering subjects since joining the University staff in 1907; among these are, "A Soil Shear Dynamometer," "Lateral Support of Steel Columns and Struts" (with W. B. Dunbar). These have appeared in various journals and engineering publications.

Much of his time and energy was devoted to military affairs. Besides his book on military law, he was one of the original officers in the University of Toronto contingent of C.O.T.C. from 1914-1919.

Like Winston Churchill and many others who find time for painting, the Dean has recorded in pastels a number of our country's landscapes. Some of these were hung in the Hart House Art gallery during recent exhibitions of university faculty members' work.

Steel Story Related By Research Man

"Pig-Iron gets its name from the days when molten iron was poured from the blast furnace to cool in large gutters called 'sows' from which protruded in all directions smaller and shorter gutters extending as sucking piglets from the mother."

So said Dr. O. W. Ellis, head of the Department of Engineering and Metallurgy at the Ontario Foundation, speaking to the Engineers in Convocation Hall Tuesday on the subject "100 Years of Iron and Steel." "Ya," said Rastus, "I is in the Iron and Steel business. Ma wife iron while ah steals."

The Doctor had many slides to illustrate his interesting and well delivered talk, and several samples of ore set upon the table served to exemplify his remarks.

His talk although mostly historical, gave an indication of things to come in the iron and steel business. He said that oxygen will likely play an important part in the manufacture and refining of steel as it is conducive to higher combustion temperatures.

The most important factor in the speeding up of iron production has been the development of blowers and the improvements in the types and suitability of the reducing agents and fuels.

In days of yesteryear, the hand bellows was the only means of beating the fire to greater heat. One hundred years ago, the smelting of the ore was all done underground in pits and all the by-products of the reduction of coal were thus wasted. Water-wheels replaced the hand bellows and later the Newcomen engine and the steam turbine replaced the water-wheel. Two years ago the 'pressure-blower' was introduced and recently the electric furnace has made its appearance on the European continent.

Although Dr. Ellis was pressed for time, he did explain on the steel side of the picture, how Henry Bessemer had to fight a legal battle of patents with an American inventor, and then build a smelter of his own to prove that his idea was feasible. He developed his process to a high degree of efficiency and then proceeded to battle the English manufacturers on the matter of the content of manganese and phosphorus in the iron used in his process. Bessemer finally did settle his disputes and proceeded to manufacture steel the way it is being manufactured today.

Thus the smelting industry has advanced from the production of low-grade iron, high in impurities and made by firing the ore in holes in the ground to the construction of eighty foot towering smelters used today to produce high-grade iron and steel; the capacities of the smelters being one hundred times those of one hundred years ago.

TOIKE OIKE

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TUESDAY, FEBRUARY 1, 1949

Dean Young

Dean C. R. Young of the Faculty of Applied Science and Engineering has announced that he will retire at the end of this term.

After his years of meritorious service with the University, the students will feel the loss greatly.

Throughout his time as a member of the staff and Dean of S.P.S. he has been a true friend of the student and his invaluable aid cannot be equalled. His many contributions to the studies in Engineering have prepared the student to enter the Engineering Profession with a high degree of education. He headed the staff that introduced many of the subjects that give the student a much broader education along with the strictly technical subjects.

The books that he has written and helped write for the Engineering students are beyond valuation. His contributions not only apply to the undergraduates but also to the Engineering profession. We could go on and list the successes that our Dean met in the outside world but space allows us only to deal with that part concerning the students.

His books dealing with both technical and non-technical matter have eased the students' work immensely and have enabled them to grasp a better grounding of the subjects. The great knowledge that our Dean has obtained through years of experience gave him a sound basis on which to write these books. The students gained from this knowledge and have first-hand information of the subject.

There were many subjects introduced into the Applied Science and Engineering curriculum where no one text covered the course entirely. Dean Young in many of these cases felt there was a need for such a text and usually wrote a text or co-operated with other specialists to produce a text suitable for the subject.

In these texts, he Dean strove to deal with the subject in plain simple language and endeavoured to eliminate any matter that did not apply to the Engineering student.

With these texts the students were able to gain a varied knowledge in the Engineering course.

The Dean also had keen interest in all the student activities. He co-operated in every way to make all student undertakings a success. His sound advice was heeded by all and his suggestions aided greatly the students' extra-curricular activities.

He gave many suggestions with regard to speakers for the Engineering meetings from which the students gained wide and extensive information in various fields.

Dean C. R. Young was also instrumental in the formation of Ajax Division to allow a great number of students to enroll in Engineering. This was one of the greatest accomplishments and the Dean will see it finished when the Ajax Division closes at the end of this term. When this project was first undertaken it was only an experiment and with the graduation of the original Ajax students this term, the experiment can be considered a success.

The class of 4T9 will be the first of approximately 4800 students to be graduated. This would have been almost impossible had it not been for the untiring efforts of the Dean and his staff.

School will lose a great man and a great friend upon the retirement of the Dean. His work throughout the years entitles the Dean to a rest and all join in wishing Dean C. R. Young the best of all and may he enjoy a long and prosperous retirement.

News and Views

LOUDER PLEASE

One of the lecturers in S.P.S. was a bit annoyed at his class for competing with him during a class. He remarked, "There's too much noise in here. I can hardly hear myself talk."

A sleepy voice from the back of the room replied, "That's all right. You ain't missin' much."

GENTLEMEN

Bringing up the subject of gentlemen, by all the squawk that is going around the campus about "no corsages," it would appear that the supposedly least gentlemen type, are the only gentlemen on the campus. The Schoolman are about the only men that buy corsages for their spooks at a dance.

DID YOU KNOW

Did you know that there are exactly four hundred and eight bulbs in the eight chandeliers hanging in the Convocation hall?

COMPETITION

It looks as though Toike Oike has competition on the campus, with the appearance of another Journal of Student opinion. We wonder just how long this one will last.

CONGRATS

Congrats to the only Schoolman in the ALL-VARSITY Revue. Ray Webster carried the burden of representing all of School in the recent student show.

DANCING TOO

There was so much going on at the School at Home that some people were amazed to find that there was also a dance.

BREAD LINE

It seems as if the D.V.A. money doesn't last very long for the students. A couple of fourth year Chemical students were seen in one of the dole lines of a Spadina Avenue Mission a while back.

NEW FASHIONS

By the amount of flags that were taken from the School At Home, next year's dance will see many spooks dressed in signal flags of the navy.

Ha-Ha

A schoolman wandered backstage between the acts of the chorus line at the School at Home and innocently started to enter a room clearly marked "Chorus Girls' Dressing Room. Positively No Admittance." One of the marshalls nabbed him in the act. "Can't you read?" he hollered, pointing to the sign.

"Who's smokin'?" asked Clancy.



Herbie, an Ajax student, until discovered was almost proclaimed King of the Arts Ball during the Artsmen's talent hunt.

I. S. S. Purposes Outlined Campaign To Start Soon

An intensive campaign will be held next week for the purpose of raising money for the I.S.S. It is therefore in the interest of the students that some information regarding the organization, purpose and activities of the I.S.S. be given.

The International Student Service is an organization tying together universities throughout the world for the coordinated promotion of relief to students (a diminishing service), exchange of students, and scholarships.

The I.S.S., to quote Marcus Long, "is a non-religious, non-racial organization". In its role as member, Canada represents the western interpretation of the concepts of freedom, and eastern students are being slowly brought to this realization. Our participation is therefore urgent since I.S.S. is firstly a group facilitating our export of ideas and the possibilities along this line are startling and tremendous.

I.S.S. was started in 1919 as a relief organization and later carried on as cultural group until disbanded in 1939, when it became allied to the Swedish Red Cross. In 1945 it again took up the duties it had assumed in 1919 as well as the work dropped in 1939.

The Canadian organization of I.S.S. decides its own policy and setup. The small administrative staff in Geneva neither directs nor dictates policy but integrates the work of the national units. Authority for the Canadian organization is vested in an annual conference and heading the groups undertaking the work this year are Professor MacKenzie of Alberta as President and

Professor Marcus Long of Toronto as Vice-President.

What has been done by the I.S.S. recently? Primarily it has taken the name of Canada into Europe as a sympathetic and helpful country as means of aid to foreign students in such forms as book and laboratory supplies to help rebuild their shattered universities. Also, at the European Seminar last summer at Ploen in Germany, 130 students from fifteen countries met for six weeks to exchange freely ideas and to overcome the intellectual isolation of the Germans. The meeting proved very successful in uniting students and demonstrating that academic freedom and interchange of ideas is both real and vital to world peace and harmony.

How is the money spent? All money collected for I.S.S. is used directly for the work for which the organization was created namely relief, exchange, and scholarships. No money raised for relief was used to finance the seminar. The money for the seminar was obtained by private subscription and government aid.

For the purpose mentioned above, therefore, a campaign to raise funds for I.S.S. is being undertaken during the week of February 7 to 13 and will be promoted by all Faculties in a concentrated attempt to reach an objective of \$10,000.00.

Oh-Oh

News item in a newspaper: "Miss Fay King was overcome by gas while taking a bath. She owes her life to the watchfulness of the janitor of her apartment building."

THIS IS IT

START SAVING NOW

FOR THE

GRAD BALL
FRIDAY, MARCH 11, 1949

BERT NIOSI
and His Orchestra

ELLIS McLINTOCK
and His Orchestra

CONVENTION FLOOR
ROYAL YORK HOTEL

STRICTLY FORMAL

\$7.00 COUPLE
with reductions
for year cards

SPORTOIKE

A subject that has received much kicking around of late by local sports scribes when said hunt-and-peckers are caught with their material down by a rapidly-approaching deadline, is the question of what's wrong with today's brand of hockey.

This time, we (the royal we) have decided to toss this query around a little more. Everyone else seems to have had a stab at it, so why can't we?

The blame for most of the complaints have been laid at various times at the feet of the players, the coaches and then men who lay down the rules of the game. We don't feel like blaming these individuals for the present state of our national game. We feel that the game is merely showing the influence of the times.

This is the age of speed and specialization. A hockey player today must be fast; stick-handling is an appreciated but not necessary qualification. Then again, everybody wants to get in on the act. Some defence players have more goals to their credit than some of the forwards.

The biggest complaint about the hockey of our day is the number of fights between the players, and especially the number of fights in which the referee or the linesmen are involved and as a result come out second best. Of course, the officials are always acting as peace-makers who accidentally stop a wild fist or stick meant for the other man in the fight. It's always an accident but it serves the so-and-so right... he's always giving the other side the benefit of the doubt in any close decision.

As an example of our idea of the cause of most of those crowd-pleasing howls, we'll burden you with the tale of a friend of ours. He was an outstanding player in junior hockey, and after earning his share of the headlines allotted to players of his calibre, was approached by a representative of a professional hockey club. The boy completely taken in by the rosy picture painted in his mind by the fast-talking scout and the idea of being paid for doing what he liked most, closed the deal, affixed his John Henry to several legal documents and tried on his new sweater.

Quite a few games and practices later, our hero found that he wasn't getting his usual number of press notices and his 1948 scrap-hook was far from full even though his calendar told him it was time to start a new volume. It really wasn't his fault, he was just as good as ever, but the rest of his team didn't give him the required support. They lost numerous games and were riding along close to the cellar position in their league and very high on the list of jerks as far as the fans were concerned.

Our hero began to worry about the lack of press interest, and, annoyed by the ceaseless criticism of the fans who were too numerous for his individual attention, turned his frustration to the opposing players. After all, they were the cause of his discomfort; they were the ones who stood in his way. Every time he was stopped in a drive for points and glory he showed his displeasure by a well-aimed stick, knee or elbow at every opportunity. The number of his penalties increased but so did his press notices. Once again he was in the public eye with a reputation to uphold.

Now, multiply this many times and you end up with all kinds of fights and arguments every time a game of hockey is played. The fact that one referee can't possibly watch every move that every player on the ice makes encourages ungentlemanly conduct. 'Tis inevitable.

This condition is not so evident as far as interfaculty hockey is concerned. But one thing, the players do not expect a great fan turn-out and lack of press notice is expected. Then again, the games in this league have always been rough-and-tumble, always will be rather rough and couldn't be enough rougher to be noticeable.

By the way, what's wrong with having a few fights here and there? What kind of a game would hockey be if a player had to apologize every time he came in contact with another puck-chaser and who would pay money to see such an exhibition? Where else can you see a game of sport, a fist-fight or two and your most-hated referee beaten up all for the price of one seat? It's a bargain at any price.

Athletic Night

Host Colleges for Athletic Night, Saturday, February 5, 1949, will be and S.P.S.

Forestry, School of Architecture,

The program will include: Basketball—7 p.m., Kitchener Jrs. vs Varsity Jrs.

The Varsity Jrs. have established a place in the Toronto district playoffs. It is the first time that they have played at an Athletic Night this year.

8 p.m., McGill Jrs. vs Varsity Jrs. Wrestling—University of Buffalo vs Varsity.

This year they are wrestling under the new rules as laid down by the National Collegiate Wrestling Association used in the U.S.A.

Swimming—1. Colgate University vs Varsity.

2. Host colleges present a water polo game.

Fencing—University of Buffalo vs Varsity.

Modern and Old Time dancing from 10:30 to 12:00 with entertainment and prizes.

Tickets are 50 cents per person or two for a dollar, and are on sale at the Engineering Society Stores—limited number only.

Defaults

The executive of the Athletic Association would like to draw attention to the numerous defaults in basketball games. In the last two weeks, IV Civil and III Mining, Metallurgy, and Electrical have each defaulted twice. The penalty for a first default is a fine of \$3, and, for a second, 100 intramural points plus withdrawal of the defaulting team from the league. These rules are set by the U.T.A.A. and not by the S.P.S. Athletic Association. However, in due fairness to the fellows who are out playing and winning points for the T. A. Reed trophy, it is only right to warn the managers that in the future if a team defaults for no apparent reason, it will be immediately withdrawn from the league and any points allotted to that player for participation on that team will be canceled. This may seem like a harsh step, but School is (or was) strange as it may seem, in the running for the trophy this year. Due to the three teams mentioned above, S.P.S. has been set back 300 points, a difficult handicap to overcome. If, however, a team has some legitimate reason for not playing, it is up to the manager of that team to notify the Intramural Sports Office at least 48 hours before the game and they will reschedule it. So, fellows, let's not have any more defaults. Let's not have any more and see if we can't bring home that T. A. Reed trophy.

Hot Pucksters Stealing Show In S.P.S. Sports

Things are looking pretty fair so far in School hockey circles. At time of writing, the first team has played three games. Of these they have won two and lost one. Ajax an University College have taken a beating at their hands, while Vic managed to outscore them. Suds has been putting on some marvellous exhibitions of netminding behind his two solid defence lines, Murphy-Graham and Short-Steed. There are three forward lines and all have been up to par or better so far. Most improved of the three is the second string of Sawyer, Lye and McKay. The first line consists of Sedgley, Venns and McDonald, while the third made up of Watson, Wiscek and Boynton.

Coach Johnny McCreedy says, "They're getting better all the time." If this is correct, we can assume that by the time you read this article Vic will have taken a beating, trouncing on Monday afternoon.

The S.P.S. IV team is the only ice-bound School representative that so far has a clean sheet. They (Continued on Page 4)

Methods of Presenting Engineering 'S' Award

The Engineering Society Athletic Association has made an announcement that all students who have enough points for the Bronze "S" or the School "S" are to make application for the same. Application forms are available from any member of the Athletic Association and must be completed and handed in at the Engineering Society Stores not later than Feb. 15th.

These forms must be completed by the individual player and should be signed by the manager of the team on which the student played.

Due to the Engineer's campus at Ajax and the difficulty of playing Interfaculty sports, the points required for the School "S" were reduced from 16 to 12. Similarly, for the Bronze "S" the points were reduced from 40 to 32. That is, students who spent the first two years at Ajax will only be required to compile 12 or 32 points for the School "S" and Bronze "S" respectively.

The system of making awards as revised by the 46-47 Athletic Association is as follows:

Intramural Sports shall be divided as follows:

(1) Division A: Team Sports

(i) Team sports — Major — Rugby, Soccer, Basketball, Hockey, Lacrosse, Waterpolo.

(ii) Team Sports — Minor — Volleyball, Skiing, Gymnastics, Swim League, Basketball.

(2) Division B: Tournament Type Sports

Track (indoor and outdoor), Swimming, Harrier, Boxing, Wrestling, Fencing, Gym, Tennis, Golf, Badminton, Squash, Skiing.

General Rules

- (1) Only one award will be presented, although an award may be earned a multiple of times.
- (2) Any award may be withheld should the executive on a two-thirds vote see fit.
- (3) Final decision rests with the executive of the E.A.A.
- (4) The Engineering "S" will be awarded to any student of Engineering who has earned the award and successfully completed first year Engineering.
- (5) An annual Spring Dance or other suitable function will be held by the Engineering Athletic Association for the presentation of the awards.
- (6) Awards will be made on the basis of team participation up to and including the preceding term sports.

Method of Making Award

Engineering colours including the Engineering "S" and Special Award will be made on a point system. For an Engineering "S" 15 points will be required. For a Special Award, 40 points will be required. The points will be awarded for both participation and any other qualifications which is fulfilled. The allotment of points will be as follows:

- (1) Division "A" major team sports having played in at least 60 percent of the games — 3 points per sport per year.
- (2) Division "A" minor team sports having played in at least 60 percent of the games — 1 point per year per sport.
- (3) Division "B" tournament type sport having participated in any interfaculty tournaments for that sport. In track, gym, swimming, skiing, he must participate in at least two events — 1 point per sport per year.
- (4) Members of the championship Interfaculty team of the Division "A" Group having played in at least 60 percent of the games — 8 points.
- (5) Member of a runner-up or finalists Interfaculty team of the Division "A" Group having played at least 60 percent of the games — 5 points.
- (6) Individual (or double) Interfaculty champion of any of the individual events of the Division "B" sports in the final Senior meet or tournament, provided there be at least three other entries in that class in that event — 8 points.
- (6a) Placing first in Track and Swimming relay — 2 points
- (7) Member of a championship Interfaculty team of a Division "B" sport participating in the final Senior Meet.
 - (a) Placing first or having earned an equivalent number of points — 8 points.
 - (b) Placing second or having earned an equivalent number of points — 5 points.
 - (c) Placing in the first ten of the Senior Harrier — 8 points.
- (8) Same as (6) substituting Junior for Senior — 5 points.
- (9) Same as (7) substituting Junior for Senior: (a) 5 points; (b) 3 points; (c) 5 points.
- (10) Member of an Interfaculty team of Division "B" sport placing second or having earned an equivalent number of points or a runner-up provided there be at least three other entries in that class in that event. Senior — 3 points; Junior — 1 point.
- (11) Winning Varsity 1st Colours — 10 points.
- (12) Winning Varsity 2nd Colours — 8 points.
- (13) Winning Varsity 3rd Colours — 5 points.
- (14) Manager of a Senior, Intermediate or Junior Intercollegiate team according to the rules of the U.T.A.A. — 3 points.
- (15) Manager of any team representing Engineering in Intramural competition — 1 point.
- (16) On a 100 percent vote of the executive an Engineering "S" or any number of points under ten may be awarded to any Engineering Student on the basis of merit such as:
 - (a) Officially coaching any Engineering team, particularly a championship Interfaculty team.
 - (b) A team manager having shown outstanding ability.
 - (c) An individual athlete on the recommendation of the team manager.
- (17) A student will be allowed a maximum of 10 points per year in any one sport.
- (18) A maximum of 10 points will be awarded to a member receiving his first colours in Track or Harrier per year.
- (19) Students who spent their first two years at Ajax will be only required to obtain 12 points for the Engineering "S" and 32 points for the Special Award.

5TO
★

ADMISSION
BY
YEAR
CARD

PALACE PIER, TUESDAY FEB. 22

★ 5TO FINALE ★

STARDUSTERS ORCHESTRA

★ INFORMAL ★

5TO
★

LIMITED
SALE OF
ADDITIONAL
TICKETS

Final Fling for 4T9'ers Grad Ball at Royal York

The final fling for the class of 4T9 falls on March 11 and will be held in the Royal York Hotel. This, the Grad Ball, is what every Schoolman hopes to attend from his first year on.

This year the Grad Ball will be the biggest ever held by S.P.S. Approximately 1100 students will be graduating and the committee had difficulty in finding appropriate accommodation. The 4T9 committee, headed by Jim Bester, have booked the entire Convention Floor of the Royal York Hotel for the occasion.

The Grad Ball will consist of supper and a dance. Two bands will supply the music in two of the three halls. Bert Niosi, Canada's King of Swing, will entertain the Grads and their guests in one ballroom while Ellis McIntock will take over another room to supply the tempo for dancing.

Jack Breithaupt, sec-treasurer of the committee has contacted some top-notch entertainers in the States and hopes to have them at the Grad Ball.

The dress for this occasion will be strictly formal.

Tickets go on sale February 16 and the basic price of the Ball is seven dollars per couple. Students who have purchased year cards will obtain a reduction on this price. For a year card bought in the last two years, one dollar will be subtracted from the seven dollars for each year. Those who have 48/49 year cards will have price reduced by two dollars. This means that if a student has purchased the three-year cards, the price for him will be three dollars per couple.

The Royal York authorities claim that this affair is the biggest they have ever attempted, but feel confident that they can accommodate the entire crowd.

The seating plan arrangements are still under discussion and as soon as these arrangements are complete, the students will be informed.

Jim Bester remarks, "The entire committee is hard at work to make this last school function for the Undergraduates, the most successful affair of them all."

Skule Nite Ducats To Be Scarce

With just enough time to recover from the colossal School at Home it rolls around to another great do that is a must in the Schoolmen's social calendar, School Nite. As well as a stage production written and acted by students, School Night will also include dancing in every square inch of floor available. All this will take place in Hart House on two nights, Friday, February 11 and Friday, February 18.

One of the greatest difficulties the School Night committee encountered is the attempt to place all the Schoolmen in the Hart House Theatre to see the show. With approximately 4,000 couples wanting to see the show and only accommodation for 1476 couples, the committee have been having nightmares in what little sleep they do get.

At the moment there is a strong possibility that an extra show may be run to allow more students to see the show.

If there is an extra show, it will probably run Thursday, February 17 at Hart House. Tickets will be sold singly for the dance on either the Fridays and it is suggested that those who do not obtain tickets for a Friday night's performance, they can see the show Thursday night and can attend the dance on either of the Friday nights. This may be a good idea since show time will not interfere with dancing time.

Three shows will be run on each of the Friday nights and the allocating of the tickets for the show will be as follows: On Friday of the 11th, the second year at Ajax will

have the second show to themselves. The few freshmen who may be lucky enough to obtain tickets will share the third show of the same night. The third year men in Toronto will have the first show and part of the third show on the 11th.

Friday, February 18, will be entirely for fourth year students, guests and royal party.

The above method of distribution was not hap-hazardly thought out but a great deal of time was spent on it by the committee.

The times of ticket sales will be announced in The Varsity and students are asked to note carefully the times the tickets go on sale. Ticket sales in Toronto will be on sale approximately the first of next week while at Ajax the last of this week. Watch The Varsity for definite times.

Many Engineers Helped at Dance

"Every time there is a dance or other 'do' around the old Skule House, the committee are named but the other workers, the guys who do the heavy labour, are unmentioned," Pat Suddick said, in an interview. "It's time they had some publicity."

Mr. Suddick then handed the Toke Oike reporter a list of the bull-bulldog gang and asked that their names be listed, along with his thanks for the time and energy they put into the arrangements for the At Home.

Herewith a list of a few of the men, without whose assistance the At Home would not have been a success:

L. Waxman, F. M. Yamada, Pat Yeomans, W. R. Fletcher, R. P. Inch, Paul Conover, Mike Shelley, Art Cattle, Paul LaPrairie, Hugh Lawson, Hubie Sinclair, Gord Arnot, Frank Squires, Bob Short, Daryl Berry, Ron Thurston, Carl Ruppel, Joe Brigham, Ron McKinlay, John Keefe, Ted Bosanquet, Paul Shutte, Hud Mossop, Allan McKinlay, Reed McQuarrie, Bill Shultz, J. L. Acton, Vern German, Bruce Williams, Gord Sutin, Gord Wilson, Hank Geddes, Doug Mossop and Milton Bishop.

Last 5TO Dance To Be At Pier

The class of 5TO will take over the Palace Pier the evening of Tuesday, 22nd of February for the "5TO Finale," the second year dance, to wind up the social season for the third year men.

The Stardusters will be musical hosts for the evening. Dancing will continue from nine until one.

Admission will be by year cards which are now selling for \$2.50.

The year card purchase price includes one dollar toward the cost of the Graduation Ball.

A few separate tickets will go on sale at the Engineering Stores a week before the dance.

"The last year dance was good," remarked Bob Allen, president of 5TO, "but this one will be better."

"There'll be tables for everyone, so-so . . ." commented the class secretary, Norm Patterson.

Skuleman Debate For Trophy Cups

"Resolved that engineers should have more time for extra-curricular activities," will be debated in this year's Segsworth Debates Competition.

The preliminary debates in the competition begin this week both at Toronto and Ajax. Winning teams from third and fourth years will meet to determine the entry to face Ajax in the finals.

Contestants may enter singly or as a team of two. Contestants entering singly will be teamed by the Debates executive.

Interested persons should contact Drew Douglas, Ki 5913, in Toronto, or Dave Coates, Debates Club Chairman, if at Ajax.

The winning team will be presented with individual trophy cups, suitably engraved.

SKULE SPEAKS GOODBYE AJAX

At the end of this term Ajax will cease to be the School for students in the Faculty of Applied Science and Engineering. Most of the 1500 Engineers will move bag and baggage to Toronto along with approximately 500 freshmen, and will take up residence in the Queen City. The Wallberg Memorial Building and the Mechanical Building will be used for lectures as well as the regular buildings.

The question of the week therefore goes to Ajax and is "What do you think of moving in to Hometown next term?"

J. A. Sonmor, I Civil—"Nice spot if the wife stays in Hamilton."

W. G. Angus, I Mech—"Yea Silver Rail."

T. J. McLaughlin, II Civil—"Don't like it. Gotta wear a shirt."

R. M. Pierce, II Mech—"Good. More Spooks."

J. K. Brown, II Mech—"I'd sooner stay at Ajax . . . don't like Hometown."

D. M. Armour, I Elect—"I'm looking forward to draping myself over a bar occasionally. Thirty weekends in a year are getting me down."

D. R. Roy, I Elect—"Look at the money you can save on phone calls."

H. C. Schevlgler, I Elect—"I'm sick of laying five bucks on the line every Friday so I think it's great. It's too expensive out here."

T. J. Molloy, I Eng. Phys.—"Not so good, there won't be any chance to rest up between week-ends. Will also miss the Cafeteria breakfast."

School May Defend Title At Annual Chariot Race

By the University's other morning Journal, it appears as if School will be forced to consider having the Annual Olympic Chariot Race around the front Campus.

Although the challenges present quantity rather than quality, S.P.S. will again get a chance to show its superiority on the campus by defeating the opponents that risked the challenge.

At last year's race, School won the championship despite the fact the other faculties used devious and devilish tactics in an attempt to gain a slight advantage over School. It was S.P.S. against the rest of the University. This made the odds approximately even and School proved to be the better.

It was amazing to note the ingenious methods used by the various groups in order to cheat a bit and to hope to at least come near a School team.

One chariot in one of the heats attempted to sneak unnoticed across the front campus instead of around it. Even this method proved futile.

Another faculty (it is believed that Keith Davey is their leader) after viewing the calibre of the School team, sadly and dejectedly about-turned from the starting line and went back to where they came from. It was a good thing too as the Ajax necktie party were looking for Davey.

Teams from even the female

faculties entered the contest but after seeing the Schoolmen, they swooned and surrendered completely.

The students from across the way gave the Engineers the best competition. Admittedly they sank to low levels to give School the battle, but they went down in top form.

Their dastardly deed was to way-lay the Engineers' team during the running of the final race and attempt to slow the Schoolmen down and allow the Meds team to have a fighting chance.

Most of the men from the Meds Faculty formed the waylaying group but a mere handful of Schoolmen kept them at bay and allowed their own team to cross the finish line first.

This year, if the race is deemed necessary, more rigid rules will be brought in and will be enforced. The Schoolmen want the race to be run for what the teams are worth and no handicaps will be allowed, even though School will naturally be the champions.

Ha-Ha

An \$8,000 limousine shot past a jalopy on a country road. The driver leaned out and hollered "Hey Rubel! What's making that awful rattle in that chariot of yours?" "I reckon," answered the owner of the jalopy, "it must be the \$7,500 jingling in my pocket."

HOT PUCKSTERS

(Continued from Page 3)

have won all four of the games they have played. Much credit goes to Ross Kidd, who is a swell fellow and has done a mighty fine job of coaching these boys.

High scorer of the team is Harper with 8 points to his credit. In goal is Garden and Diebel, Hugard and Hill are on defence. Kuznar, Harper and White make up the first string while Behan, Hart and Heather are on the second. Subs are Hill, Norman, MacIlravy and McMullen. As Ross says, "A very fine bunch of boys. They've got their group hands down." They play Dents B this afternoon at four o'clock and we wish them the same success again that they have enjoyed so far. If any of you can make it, come on up to the arena and see the boys perform.

Ho-Ho

A male shopper that was bounced out of a local department store just didn't know where to stop his experiments. He squeezed one doll until it hollered "mama." Then he squeezed another and she yelled, "floorwalker."

Yak-Yak

Uncle Rastus carefully spelled out the inscription on a tombstone: "Not dead but sleeping." He chuckled and remarked to his wife, "Dat colored boy ain't foolin' nobody but hisself."

He-He

The horse doctor prescribed a horse medicine to be blown through a tube into a sick mule's mouth. Soon the owner returned looking mighty sick. "What on earth has happened to you?" asked the vet anxiously. The man replied "That darn mule blew first."

Association of Professional Engineers OF THE PROVINCE OF ONTARIO

Excerpt from the Code of Ethics recently adopted by the council of the Association

DUTY OF THE PROFESSIONAL ENGINEER TO HIMSELF

5. A professional engineer—

(a) shall maintain the honour and integrity of his profession and expose without fear or favour before the proper tribunals unprofessional or dishonest conduct by any other member of the profession; and

(b) shall undertake only such work as he is competent to perform by virtue of his training and experience, and shall, where advisable, retain and co-operate with other professional engineers or specialists.

* * *

Provision is made for the recording of Undergraduate Engineering Students at the University of Toronto upon the payment of an annual fee of one dollar which is deducted from the first year's fees after graduation and for which the student receives the publication of the Association while recorded.

APPLY NOW, OR RENEW YOUR MEMBERSHIP FOR 1949

at the Engineering Society Stores in Toronto or with

MR. HUBER, MECHANICAL BUILDING

(Ajax Students watch for recording date at Ajax)